



ELECTRONIC TUBE REFERENCE

3AKP2A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Compact P2 cathode-ray display tube with electrostatic focusing, magnetic deflection, and an aluminized screen; phosphor characteristics provide the persistence and fluorescence appropriate to the P2 variant.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

Cathode-ray display/electron-gun section.

The Du Mont 3AKP2A is a three-inch low-voltage aluminized radar CRT for airborne, marine, and portable radar receivers. This variant uses a P2 screen with blue-green/green fluorescence and long persistence.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1960 DU MONT

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
Focusing Method	Electrostatic text	—
Deflection Method	Magnetic text	—
Phosphor	P2 text	—
Fluorescence	Blue-green/green text	—
Persistence	Long text	—
Screen Construction	Aluminized text	—

TUBE TINKER

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